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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

10-1-2020

2020-10-01_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus



CORONAVIRUS / MICHIGAN DATA

Michigan Data

DATA ABOUT
PLACES

LONG TERM CARE FACILITIES

CORONAVIRUS
SYMPTOMS

CUMULATIVE
RECOVERED

OUTBREAK
REPORTING



SCHOOL-RELATED
OUTBREAK REPORTING

***Note on deaths (10/01/20):** Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to



10/1/2020 Coronavirus - Michigan Data

indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **11** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

10-45

46-233

234-1924

1925-20921

20922+

Michigan

Thursday, October 1, 2020

Michigan (Statewide) Case Fatality Rate

5.4%

Current Totals



Case Status	Cases	Deaths
Confirmed	125,578	6,781
Probable	13,434	321
Total	139,012	7,102

Laboratory Testing

Test Type	Tests Performed
Diagnostic	3,719,187
Serology	295,830
Total	4,015,017

Microsoft Power BI

< 1 of 7 >



Cases by Hispanic/Latino Ethnicity		
Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	8%	3%
Non-Hispanic Latino	70%	85%
Unknown	22%	12%

Totals may not add to 100% due to rounding

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

2/3

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Arab	5%	2%
Non-Arab	54%	47%
Unknown	41%	51%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 10/01/2020

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County

Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 09/25/2020): 95,051

Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on September 25, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to August 26, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

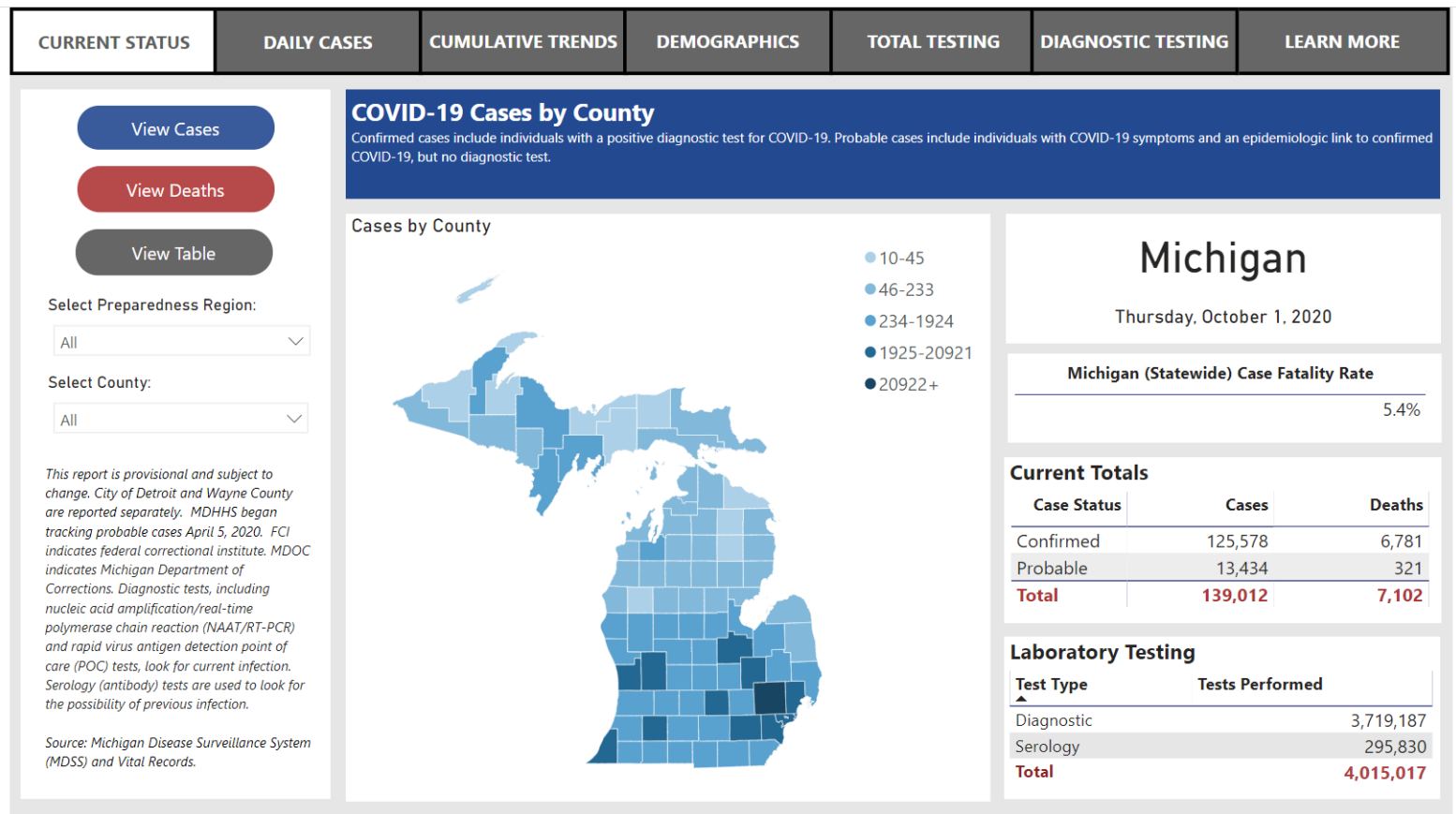
Source: Michigan Disease Surveillance System and Vital Records

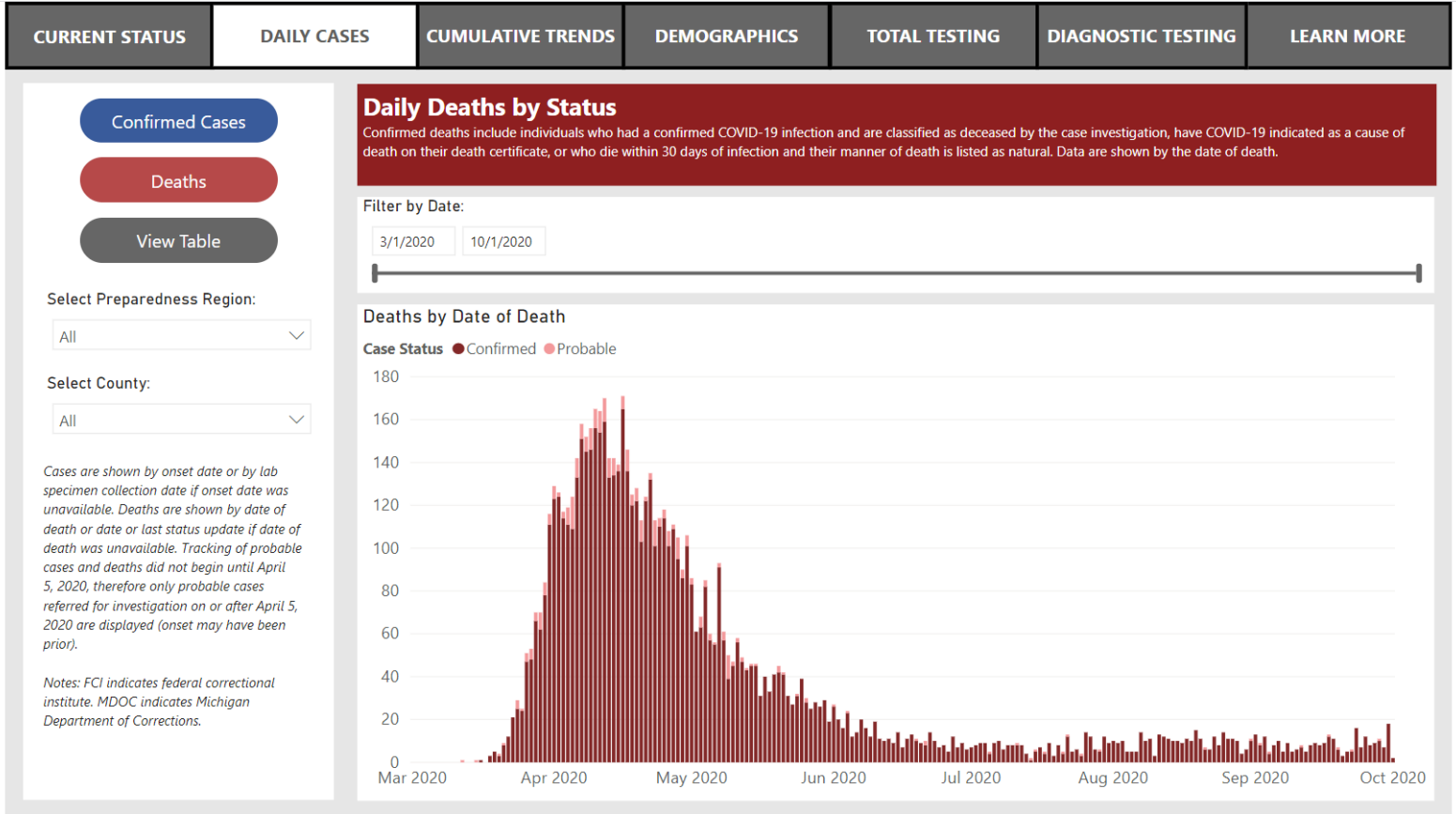
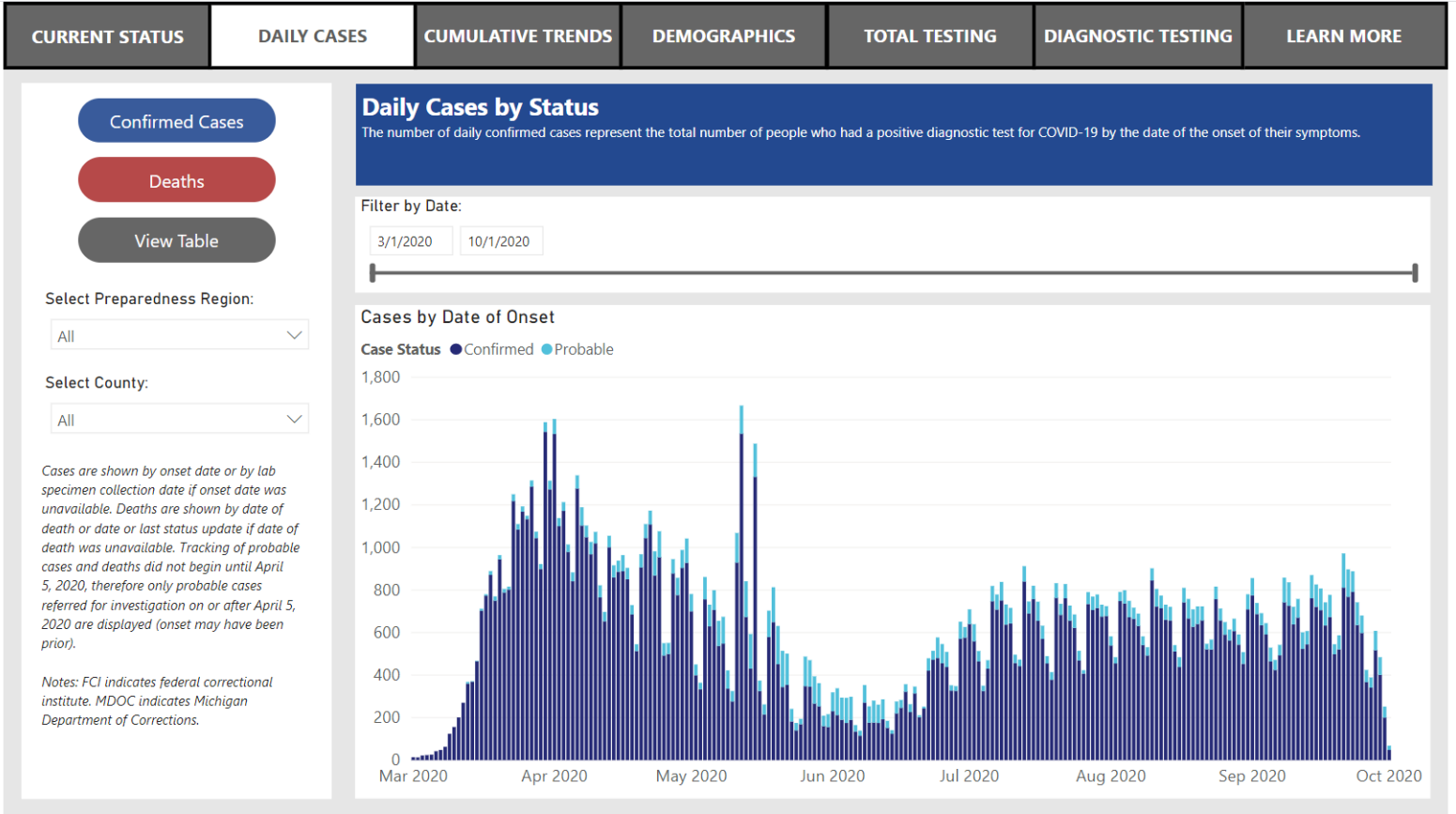


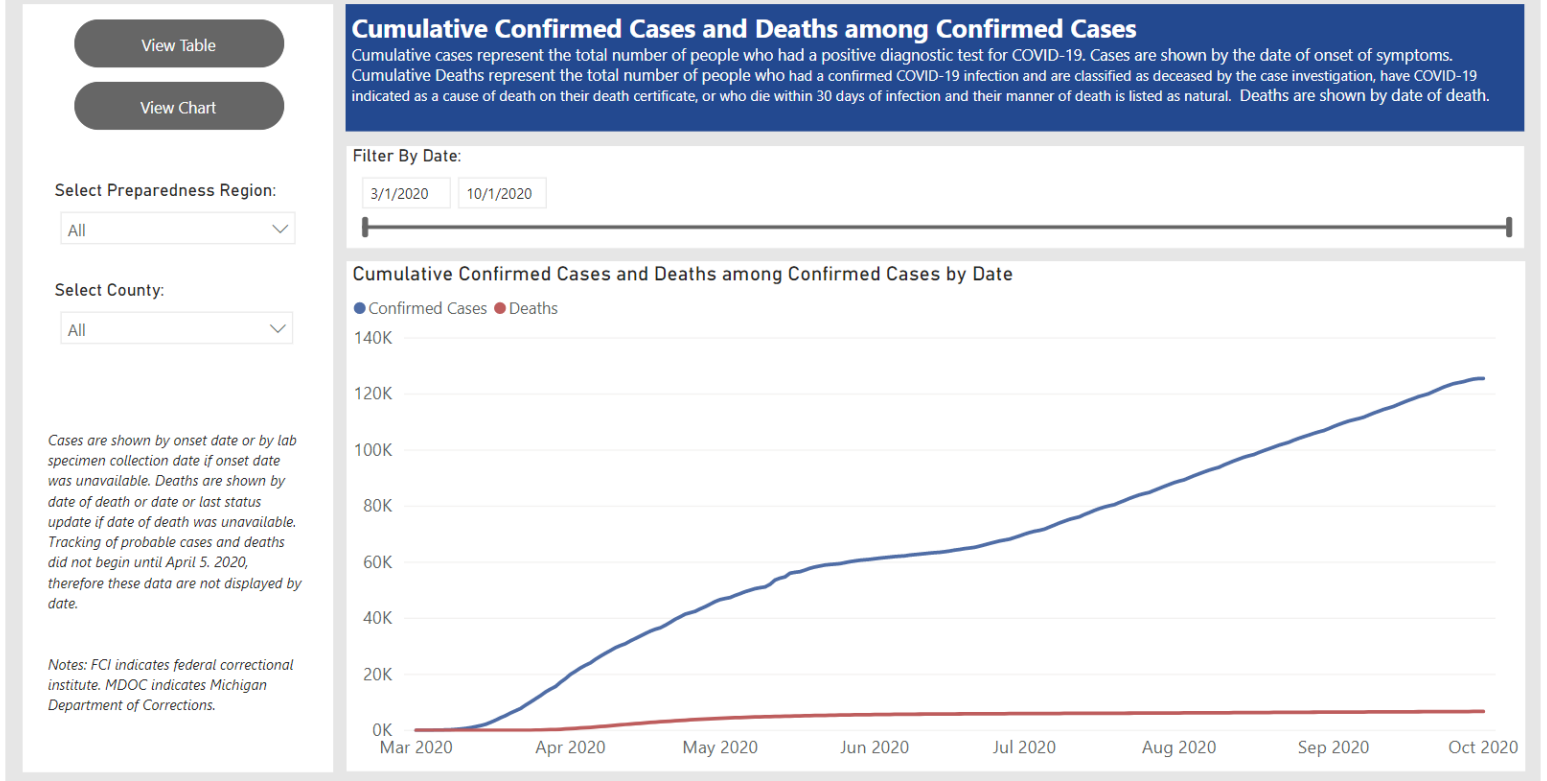
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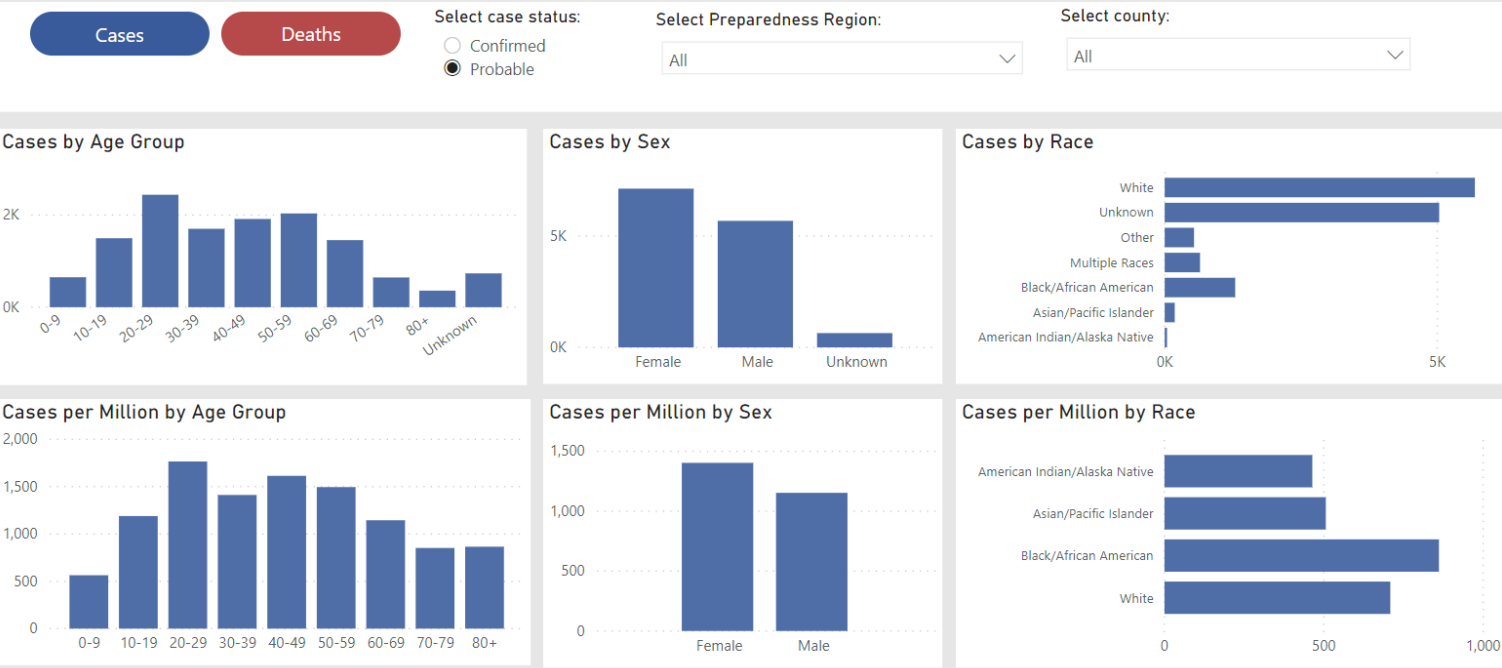






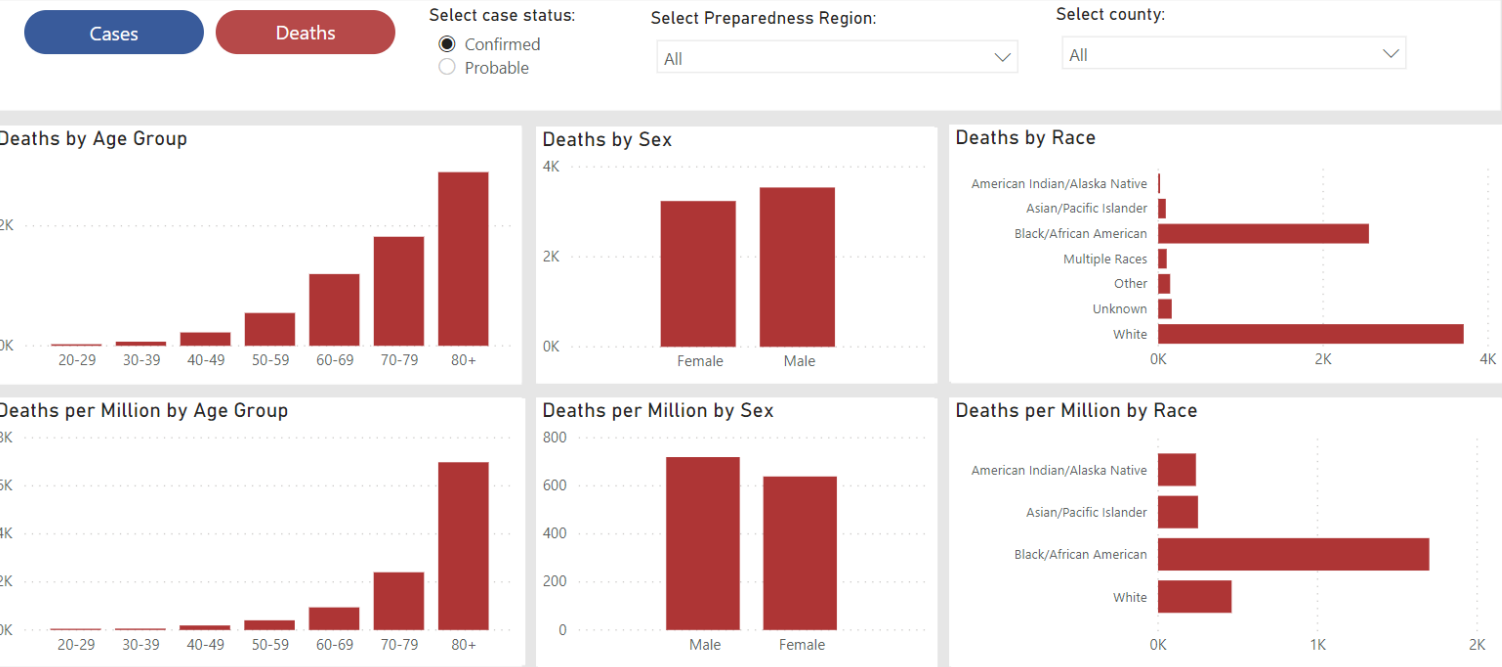
Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



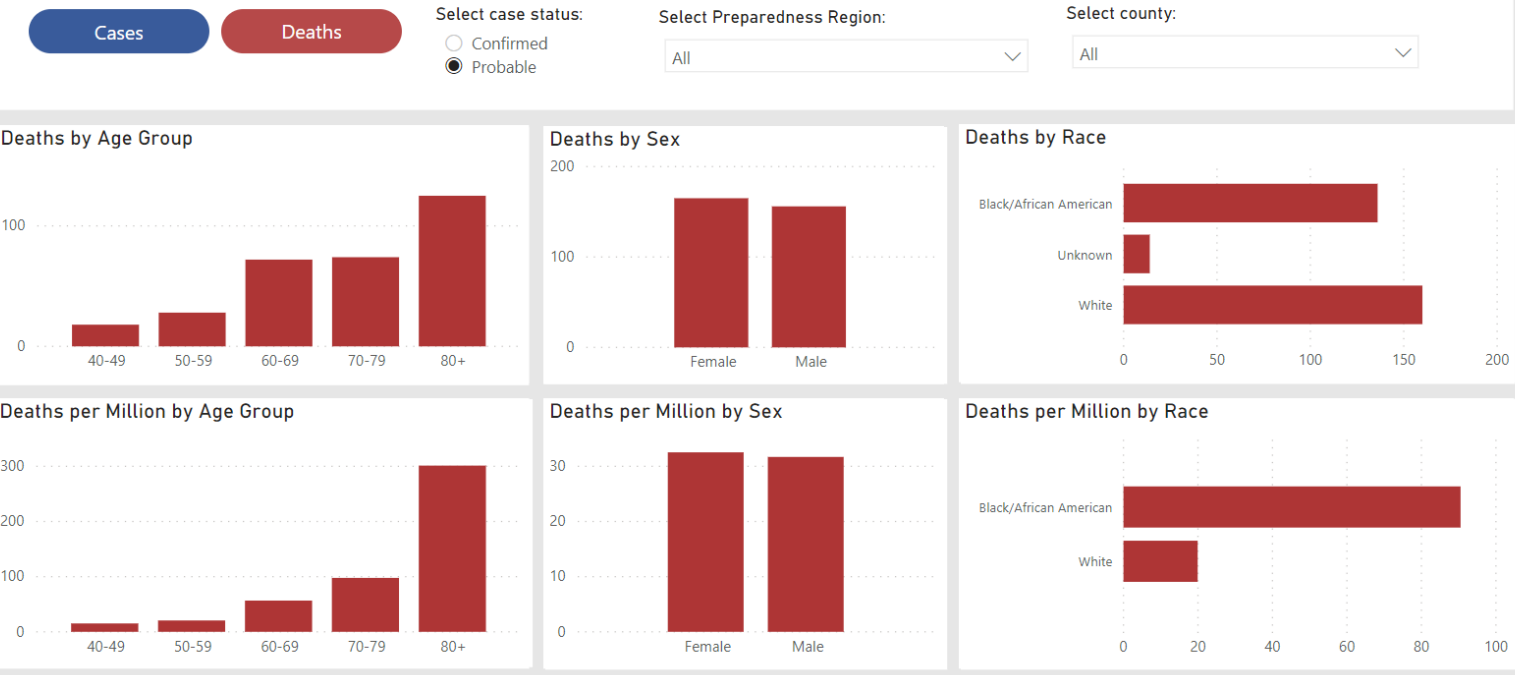
Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.



View Table

View Charts

Select Preparedness Region:
All

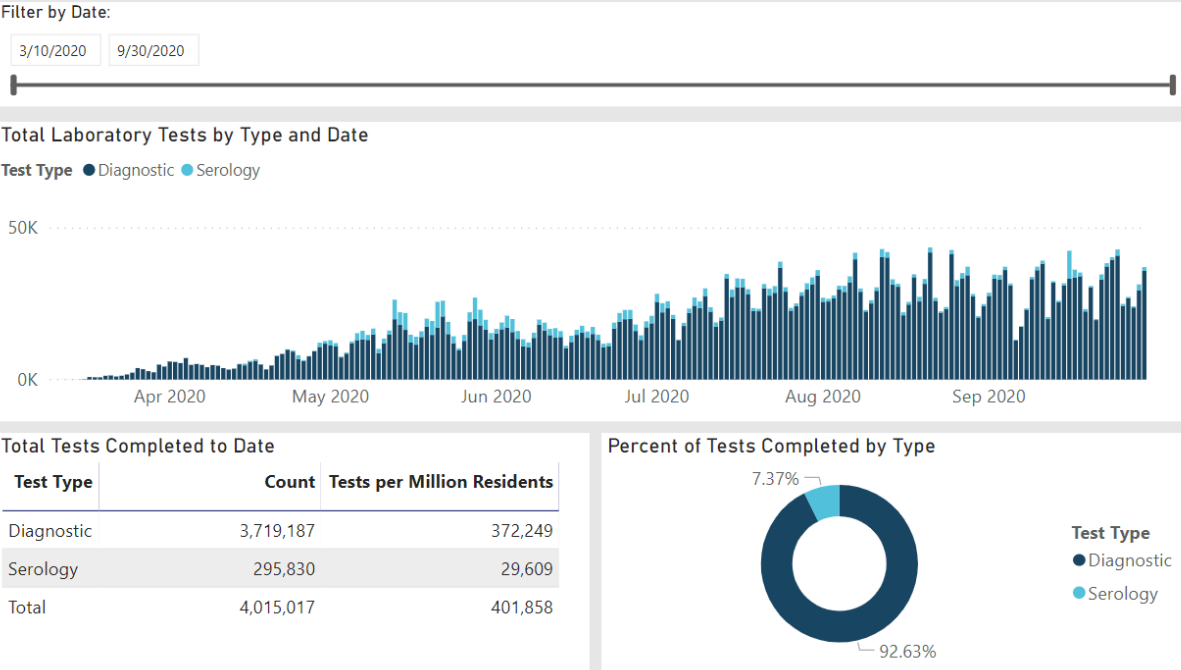
Select County:
All

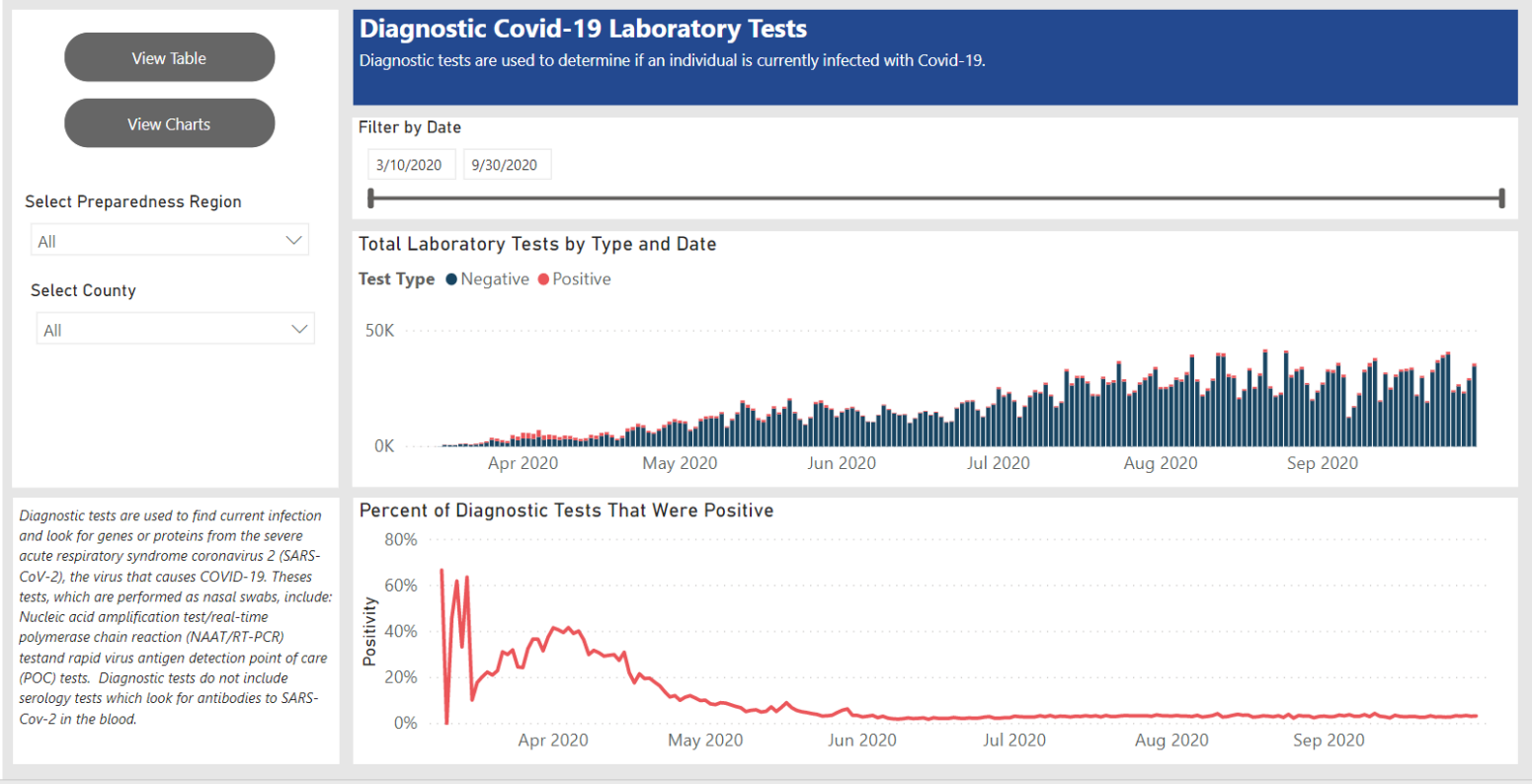
Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.





PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-10-01

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/10/01 14:25:12	Alcona	37	2	9	0
2020/10/01 14:25:12	Alger	19	0	2	0
2020/10/01 14:25:12	Allegan	708	7	83	0
2020/10/01 14:25:12	Alpena	127	14	22	0
2020/10/01 14:25:12	Antrim	63	0	8	0
2020/10/01 14:25:12	Arenac	66	3	7	0
2020/10/01 14:25:12	Baraga	30	2	9	0
2020/10/01 14:25:12	Barry	300	4	33	0
2020/10/01 14:25:12	Bay	939	52	96	0
2020/10/01 14:25:12	Benzie	78	2	5	0
2020/10/01 14:25:12	Berrien	1726	74	199	1
2020/10/01 14:25:12	Branch	577	6	68	0
2020/10/01 14:25:12	Calhoun	1352	46	170	1
2020/10/01 14:25:12	Cass	565	17	47	0
2020/10/01 14:25:12	Charlevoix	97	3	12	0
2020/10/01 14:25:12	Cheboygan	76	2	17	0
2020/10/01 14:25:12	Chippewa	52	0	29	0
2020/10/01 14:25:12	Clare	105	4	9	0
2020/10/01 14:25:12	Clinton	621	14	82	0
2020/10/01 14:25:12	Crawford	117	5	9	0
2020/10/01 14:25:12	Delta	517	8	78	0
2020/10/01 14:25:12	Dickinson	180	2	3	0
2020/10/01 14:25:12	Eaton	629	10	74	0
2020/10/01 14:25:12	Emmet	150	4	13	0
2020/10/01 14:25:12	Genesee	3958	283	814	26
2020/10/01 14:25:12	Gladwin	97	2	12	0
2020/10/01 14:25:12	Gogebic	155	1	14	1
2020/10/01 14:25:12	Grand Traverse	445	9	58	0
2020/10/01 14:25:12	Gratiot	258	15	40	0
2020/10/01 14:25:12	Hillsdale	330	26	32	1
2020/10/01 14:25:12	Houghton	495	3	87	0
2020/10/01 14:25:12	Huron	189	5	38	0
2020/10/01 14:25:12	Ingham	3560	50	72	0
2020/10/01 14:25:12	Ionia	345	7	34	0
2020/10/01 14:25:12	Iosco	191	12	40	1
2020/10/01 14:25:12	Iron	214	5	4	0
2020/10/01 14:25:12	Isabella	645	14	83	0
2020/10/01 14:25:12	Jackson	1115	43	25	2
2020/10/01 14:25:12	Kalamazoo	2505	93	595	3
2020/10/01 14:25:12	Kalkaska	75	4	16	0
2020/10/01 14:25:12	Kent	9446	171	833	3
2020/10/01 14:25:12	Keweenaw	11	0		
2020/10/01 14:25:12	Lake	35	0	1	0
2020/10/01 14:25:12	Lapeer	541	35	103	1
2020/10/01 14:25:12	Leelanau	108	1	7	0
2020/10/01 14:25:12	Lenawee	808	18	47	0
2020/10/01 14:25:12	Livingston	1220	31	210	1

2020/10/01 14:25:12	Luce	12	0	1	0
2020/10/01 14:25:12	Mackinac	51	0	18	0
2020/10/01 14:25:12	Macomb	14331	977	578	48
2020/10/01 14:25:12	Manistee	76	3	6	0
2020/10/01 14:25:12	Marquette	337	12	63	0
2020/10/01 14:25:12	Mason	120	0	16	0
2020/10/01 14:25:12	Mecosta	220	3	14	0
2020/10/01 14:25:12	Menominee	380	2	62	0
2020/10/01 14:25:12	Midland	536	11	105	0
2020/10/01 14:25:12	Missaukee	49	1	16	0
2020/10/01 14:25:12	Monroe	1392	27	165	1
2020/10/01 14:25:12	Montcalm	320	7	27	0
2020/10/01 14:25:12	Montmorency	14	0	1	0
2020/10/01 14:25:12	Muskegon	1506	71	66	0
2020/10/01 14:25:12	Newaygo	378	2	17	0
2020/10/01 14:25:12	Oakland	16772	1157	4150	49
2020/10/01 14:25:12	Oceana	498	6	31	0
2020/10/01 14:25:12	Ogemaw	53	5	16	0
2020/10/01 14:25:12	Ontonagon	42	0	1	0
2020/10/01 14:25:12	Osceola	89	0	12	0
2020/10/01 14:25:12	Oscoda	25	1	7	0
2020/10/01 14:25:12	Otsego	160	12	26	0
2020/10/01 14:25:12	Ottawa	3391	62	157	5
2020/10/01 14:25:12	Presque Isle	25	1	2	0
2020/10/01 14:25:12	Roscommon	84	4	19	0
2020/10/01 14:25:12	Saginaw	2833	136	198	4
2020/10/01 14:25:12	Sanilac	145	6	7	1
2020/10/01 14:25:12	Schoolcraft	29	0	2	0
2020/10/01 14:25:12	Shiawassee	499	31	32	1
2020/10/01 14:25:12	St Clair	904	56	151	1
2020/10/01 14:25:12	St Joseph	711	11	109	0
2020/10/01 14:25:12	Tuscola	449	31	65	0
2020/10/01 14:25:12	Van Buren	694	15	88	2
2020/10/01 14:25:12	Washtenaw	3419	116	391	0
2020/10/01 14:25:12	Wayne	18591	1292	1408	50
2020/10/01 14:25:12	Wexford	114	4	16	0
2020/10/01 14:25:12	MDOC	5614	73	2	0
2020/10/01 14:25:12	FCI	190	5	5	0
2020/10/01 14:25:12	Out-of-State	177	1	7	1
2020/10/01 14:25:12	Unknown	3	0	7	0
2020/10/01 14:25:12	Detroit City	14468	1531	1121	117

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-10-01

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	9	0
Confirmed	10-19	American Indian/Alaska Native	Female	32	0
Confirmed	20-29	American Indian/Alaska Native	Female	61	0
Confirmed	30-39	American Indian/Alaska Native	Female	52	0
Confirmed	40-49	American Indian/Alaska Native	Female	50	0
Confirmed	50-59	American Indian/Alaska Native	Female	53	0
Confirmed	60-69	American Indian/Alaska Native	Female	24	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	19	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	9	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	20	0
Confirmed	10-19	Asian/Pacific Islander	Female	85	0
Confirmed	20-29	Asian/Pacific Islander	Female	240	0
Confirmed	30-39	Asian/Pacific Islander	Female	248	0
Confirmed	40-49	Asian/Pacific Islander	Female	239	0
Confirmed	50-59	Asian/Pacific Islander	Female	207	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	120	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	54	11
Confirmed	80+	Asian/Pacific Islander	Female	59	23
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	192	Suppressed
Confirmed	10-19	Black/African American	Female	517	Suppressed
Confirmed	20-29	Black/African American	Female	2149	Suppressed
Confirmed	30-39	Black/African American	Female	2120	8
Confirmed	40-49	Black/African American	Female	2240	54
Confirmed	50-59	Black/African American	Female	2156	109
Confirmed	60-69	Black/African American	Female	1961	233
Confirmed	70-79	Black/African American	Female	1354	323
Confirmed	80+	Black/African American	Female	1050	436
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	86	0
Confirmed	10-19	Multiple Races	Female	439	0
Confirmed	20-29	Multiple Races	Female	957	0
Confirmed	30-39	Multiple Races	Female	685	0
Confirmed	40-49	Multiple Races	Female	776	Suppressed
Confirmed	50-59	Multiple Races	Female	822	Suppressed
Confirmed	60-69	Multiple Races	Female	489	Suppressed
Confirmed	70-79	Multiple Races	Female	234	11
Confirmed	80+	Multiple Races	Female	218	24
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	160	0
Confirmed	10-19	Other	Female	496	0
Confirmed	20-29	Other	Female	927	0
Confirmed	30-39	Other	Female	654	Suppressed
Confirmed	40-49	Other	Female	633	Suppressed
Confirmed	50-59	Other	Female	440	Suppressed
Confirmed	60-69	Other	Female	290	15

Confirmed	70-79	Other	Female	146	16
Confirmed	80+	Other	Female	119	24
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-9	Unknown	Female	130	0
Confirmed	10-19	Unknown	Female	726	0
Confirmed	20-29	Unknown	Female	1386	0
Confirmed	30-39	Unknown	Female	1127	0
Confirmed	40-49	Unknown	Female	1240	Suppressed
Confirmed	50-59	Unknown	Female	1243	7
Confirmed	60-69	Unknown	Female	935	14
Confirmed	70-79	Unknown	Female	502	20
Confirmed	80+	Unknown	Female	573	32
Confirmed	Unknown	Unknown	Female	26	0
Confirmed	0-9	White	Female	579	0
Confirmed	10-19	White	Female	3653	0
Confirmed	20-29	White	Female	7030	Suppressed
Confirmed	30-39	White	Female	4027	10
Confirmed	40-49	White	Female	4125	26
Confirmed	50-59	White	Female	4572	71
Confirmed	60-69	White	Female	3532	185
Confirmed	70-79	White	Female	2561	407
Confirmed	80+	White	Female	3432	1138
Confirmed	Unknown	White	Female	26	0
Confirmed	0-9	American Indian/Alaska Native	Male	11	0
Confirmed	10-19	American Indian/Alaska Native	Male	19	0
Confirmed	20-29	American Indian/Alaska Native	Male	46	0
Confirmed	30-39	American Indian/Alaska Native	Male	46	0
Confirmed	40-49	American Indian/Alaska Native	Male	53	0
Confirmed	50-59	American Indian/Alaska Native	Male	48	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	37	7
Confirmed	70-79	American Indian/Alaska Native	Male	19	6
Confirmed	80+	American Indian/Alaska Native	Male	7	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	44	0
Confirmed	10-19	Asian/Pacific Islander	Male	88	0
Confirmed	20-29	Asian/Pacific Islander	Male	255	0
Confirmed	30-39	Asian/Pacific Islander	Male	222	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	190	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	173	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	124	14
Confirmed	70-79	Asian/Pacific Islander	Male	58	15
Confirmed	80+	Asian/Pacific Islander	Male	38	17
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	188	0
Confirmed	10-19	Black/African American	Male	546	0
Confirmed	20-29	Black/African American	Male	1692	10
Confirmed	30-39	Black/African American	Male	1770	29
Confirmed	40-49	Black/African American	Male	1961	74
Confirmed	50-59	Black/African American	Male	2276	198
Confirmed	60-69	Black/African American	Male	2114	345

Confirmed	70-79	Black/African American	Male	1317	421
Confirmed	80+	Black/African American	Male	618	308
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	107	Suppressed
Confirmed	10-19	Multiple Races	Male	413	0
Confirmed	20-29	Multiple Races	Male	725	0
Confirmed	30-39	Multiple Races	Male	539	Suppressed
Confirmed	40-49	Multiple Races	Male	591	Suppressed
Confirmed	50-59	Multiple Races	Male	610	Suppressed
Confirmed	60-69	Multiple Races	Male	431	21
Confirmed	70-79	Multiple Races	Male	213	14
Confirmed	80+	Multiple Races	Male	91	16
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	183	0
Confirmed	10-19	Other	Male	545	0
Confirmed	20-29	Other	Male	1035	Suppressed
Confirmed	30-39	Other	Male	789	Suppressed
Confirmed	40-49	Other	Male	690	7
Confirmed	50-59	Other	Male	503	9
Confirmed	60-69	Other	Male	308	25
Confirmed	70-79	Other	Male	156	21
Confirmed	80+	Other	Male	68	16
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	160	0
Confirmed	10-19	Unknown	Male	795	0
Confirmed	20-29	Unknown	Male	1517	0
Confirmed	30-39	Unknown	Male	1264	Suppressed
Confirmed	40-49	Unknown	Male	1293	10
Confirmed	50-59	Unknown	Male	1332	8
Confirmed	60-69	Unknown	Male	948	15
Confirmed	70-79	Unknown	Male	462	23
Confirmed	80+	Unknown	Male	276	29
Confirmed	Unknown	Unknown	Male	23	0
Confirmed	0-9	White	Male	676	0
Confirmed	10-19	White	Male	3074	0
Confirmed	20-29	White	Male	5879	Suppressed
Confirmed	30-39	White	Male	3814	15
Confirmed	40-49	White	Male	3734	40
Confirmed	50-59	White	Male	4519	130
Confirmed	60-69	White	Male	3757	314
Confirmed	70-79	White	Male	2529	529
Confirmed	80+	White	Male	1939	829
Confirmed	Unknown	White	Male	17	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	6	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	6	0
Confirmed	20-29	Multiple Races	Unknown	8	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	Suppressed	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	Suppressed	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	8	0
Confirmed	10-19	Unknown	Unknown	9	0
Confirmed	20-29	Unknown	Unknown	36	0
Confirmed	30-39	Unknown	Unknown	21	0
Confirmed	40-49	Unknown	Unknown	34	0
Confirmed	50-59	Unknown	Unknown	28	0
Confirmed	60-69	Unknown	Unknown	8	0

Confirmed	70-79	Unknown	Unknown	Suppressed	0
Confirmed	80+	Unknown	Unknown	6	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	19	0
Confirmed	20-29	White	Unknown	15	0
Confirmed	30-39	White	Unknown	7	0
Confirmed	40-49	White	Unknown	6	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	8	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Female	8	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	12	0
Probable	20-29	Asian/Pacific Islander	Female	28	0
Probable	30-39	Asian/Pacific Islander	Female	18	0
Probable	40-49	Asian/Pacific Islander	Female	11	0
Probable	50-59	Asian/Pacific Islander	Female	16	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	29	0
Probable	10-19	Black/African American	Female	47	0
Probable	20-29	Black/African American	Female	124	0
Probable	30-39	Black/African American	Female	101	0
Probable	40-49	Black/African American	Female	128	Suppressed
Probable	50-59	Black/African American	Female	141	8
Probable	60-69	Black/African American	Female	112	12
Probable	70-79	Black/African American	Female	51	12
Probable	80+	Black/African American	Female	35	24
Probable	Unknown	Black/African American	Female	6	0
Probable	0-9	Multiple Races	Female	19	0
Probable	10-19	Multiple Races	Female	42	0
Probable	20-29	Multiple Races	Female	59	0
Probable	30-39	Multiple Races	Female	24	0
Probable	40-49	Multiple Races	Female	58	0
Probable	50-59	Multiple Races	Female	59	0
Probable	60-69	Multiple Races	Female	42	0

Probable	70-79	Multiple Races	Female	12	0
Probable	80+	Multiple Races	Female	6	Suppressed
Probable	Unknown	Multiple Races	Female	14	0
Probable	0-9	Other	Female	21	0
Probable	10-19	Other	Female	47	0
Probable	20-29	Other	Female	55	0
Probable	30-39	Other	Female	45	0
Probable	40-49	Other	Female	44	0
Probable	50-59	Other	Female	27	Suppressed
Probable	60-69	Other	Female	16	Suppressed
Probable	70-79	Other	Female	10	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	47	0
Probable	10-19	Unknown	Female	200	0
Probable	20-29	Unknown	Female	436	0
Probable	30-39	Unknown	Female	330	0
Probable	40-49	Unknown	Female	425	0
Probable	50-59	Unknown	Female	422	0
Probable	60-69	Unknown	Female	343	Suppressed
Probable	70-79	Unknown	Female	136	0
Probable	80+	Unknown	Female	73	Suppressed
Probable	Unknown	Unknown	Female	96	0
Probable	0-9	White	Female	167	0
Probable	10-19	White	Female	402	0
Probable	20-29	White	Female	596	0
Probable	30-39	White	Female	376	0
Probable	40-49	White	Female	448	Suppressed
Probable	50-59	White	Female	491	Suppressed
Probable	60-69	White	Female	300	16
Probable	70-79	White	Female	160	19
Probable	80+	White	Female	107	52
Probable	Unknown	White	Female	58	0
Probable	0-9	American Indian/Alaska Native	Male	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Male	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	15	0
Probable	10-19	Asian/Pacific Islander	Male	7	0
Probable	20-29	Asian/Pacific Islander	Male	21	0
Probable	30-39	Asian/Pacific Islander	Male	19	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	9	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	36	0
Probable	10-19	Black/African American	Male	46	0
Probable	20-29	Black/African American	Male	68	0
Probable	30-39	Black/African American	Male	61	0
Probable	40-49	Black/African American	Male	58	8
Probable	50-59	Black/African American	Male	90	8
Probable	60-69	Black/African American	Male	87	21
Probable	70-79	Black/African American	Male	46	25
Probable	80+	Black/African American	Male	20	15
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	28	0
Probable	10-19	Multiple Races	Male	42	0
Probable	20-29	Multiple Races	Male	53	0
Probable	30-39	Multiple Races	Male	38	0
Probable	40-49	Multiple Races	Male	48	Suppressed
Probable	50-59	Multiple Races	Male	37	0
Probable	60-69	Multiple Races	Male	23	0
Probable	70-79	Multiple Races	Male	12	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	12	0
Probable	0-9	Other	Male	21	0
Probable	10-19	Other	Male	45	0
Probable	20-29	Other	Male	58	0
Probable	30-39	Other	Male	43	0
Probable	40-49	Other	Male	40	0
Probable	50-59	Other	Male	21	0
Probable	60-69	Other	Male	17	Suppressed
Probable	70-79	Other	Male	8	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0
Probable	0-9	Unknown	Male	47	0
Probable	10-19	Unknown	Male	196	0
Probable	20-29	Unknown	Male	350	0
Probable	30-39	Unknown	Male	309	Suppressed
Probable	40-49	Unknown	Male	299	Suppressed
Probable	50-59	Unknown	Male	331	0
Probable	60-69	Unknown	Male	232	Suppressed
Probable	70-79	Unknown	Male	96	Suppressed
Probable	80+	Unknown	Male	39	Suppressed
Probable	Unknown	Unknown	Male	73	0
Probable	0-9	White	Male	189	0
Probable	10-19	White	Male	382	0
Probable	20-29	White	Male	539	Suppressed
Probable	30-39	White	Male	301	Suppressed
Probable	40-49	White	Male	305	Suppressed
Probable	50-59	White	Male	357	6
Probable	60-69	White	Male	254	15

Probable	70-79	White	Male	102	13
Probable	80+	White	Male	70	26
Probable	Unknown	White	Male	34	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	Suppressed	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	12	0
Probable	10-19	Unknown	Unknown	16	0
Probable	20-29	Unknown	Unknown	24	0
Probable	30-39	Unknown	Unknown	26	0
Probable	40-49	Unknown	Unknown	30	0
Probable	50-59	Unknown	Unknown	16	0
Probable	60-69	Unknown	Unknown	14	0
Probable	70-79	Unknown	Unknown	6	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	411	0
Probable	0-9	White	Unknown	Suppressed	0
Probable	10-19	White	Unknown	7	0
Probable	20-29	White	Unknown	11	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	6	0
Probable	50-59	White	Unknown	9	0
Probable	60-69	White	Unknown	Suppressed	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	9	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-10-01

Updated	COUNTY	TestType	Count	RatePerMillion
2020/10/01 14:25:15	Alcona	Diagnostic	2195	210956
2020/10/01 14:25:15	Alcona	Serology	62	5959
2020/10/01 14:25:15	Alcona	Total	2257	216915
2020/10/01 14:25:15	Alger	Diagnostic	1299	142622
2020/10/01 14:25:15	Alger	Serology	70	7686
2020/10/01 14:25:15	Alger	Total	1369	150307
2020/10/01 14:25:15	Allegan	Diagnostic	33957	287574
2020/10/01 14:25:15	Allegan	Serology	1014	8587
2020/10/01 14:25:15	Allegan	Total	34971	296161
2020/10/01 14:25:15	Alpena	Diagnostic	3238	113994
2020/10/01 14:25:15	Alpena	Serology	218	7675
2020/10/01 14:25:15	Alpena	Total	3456	121669
2020/10/01 14:25:15	Antrim	Diagnostic	5875	251886
2020/10/01 14:25:15	Antrim	Serology	156	6688
2020/10/01 14:25:15	Antrim	Total	6031	258575
2020/10/01 14:25:15	Arenac	Diagnostic	4087	274609
2020/10/01 14:25:15	Arenac	Serology	160	10751
2020/10/01 14:25:15	Arenac	Total	4247	285359
2020/10/01 14:25:15	Baraga	Diagnostic	3102	377878
2020/10/01 14:25:15	Baraga	Serology	44	5360
2020/10/01 14:25:15	Baraga	Total	3146	383238
2020/10/01 14:25:15	Barry	Diagnostic	17996	292380
2020/10/01 14:25:15	Barry	Serology	755	12266
2020/10/01 14:25:15	Barry	Total	18751	304647
2020/10/01 14:25:15	Bay	Diagnostic	36886	357679
2020/10/01 14:25:15	Bay	Serology	2027	19656
2020/10/01 14:25:15	Bay	Total	38913	377335
2020/10/01 14:25:15	Benzie	Diagnostic	4415	248508
2020/10/01 14:25:15	Benzie	Serology	150	8443
2020/10/01 14:25:15	Benzie	Total	4565	256951
2020/10/01 14:25:15	Berrien	Serology	2186	14250
2020/10/01 14:25:15	Berrien	Diagnostic	70706	460923
2020/10/01 14:25:15	Berrien	Total	72892	475173
2020/10/01 14:25:15	Branch	Diagnostic	10396	238895
2020/10/01 14:25:15	Branch	Serology	157	3608
2020/10/01 14:25:15	Branch	Total	10553	242503
2020/10/01 14:25:15	Calhoun	Diagnostic	56913	424221
2020/10/01 14:25:15	Calhoun	Serology	808	6023
2020/10/01 14:25:15	Calhoun	Total	57721	430243
2020/10/01 14:25:15	Cass	Diagnostic	11872	229247
2020/10/01 14:25:15	Cass	Serology	276	5330
2020/10/01 14:25:15	Cass	Total	12148	234576
2020/10/01 14:25:15	Charlevoix	Diagnostic	7120	272348
2020/10/01 14:25:15	Charlevoix	Serology	404	15453
2020/10/01 14:25:15	Charlevoix	Total	7524	287802
2020/10/01 14:25:15	Cheboygan	Diagnostic	3812	150815
2020/10/01 14:25:15	Cheboygan	Serology	216	8546

2020/10/01 14:25:15	Cheboygan	Total	4028	159361
2020/10/01 14:25:15	Chippewa	Diagnostic	5487	146912
2020/10/01 14:25:15	Chippewa	Serology	133	3561
2020/10/01 14:25:15	Chippewa	Total	5620	150473
2020/10/01 14:25:15	Clare	Diagnostic	5128	165687
2020/10/01 14:25:15	Clare	Serology	329	10630
2020/10/01 14:25:15	Clare	Total	5457	176317
2020/10/01 14:25:15	Clinton	Serology	2572	32314
2020/10/01 14:25:15	Clinton	Diagnostic	18616	233884
2020/10/01 14:25:15	Clinton	Total	21188	266198
2020/10/01 14:25:15	Correctional	Diagnostic	108170	
2020/10/01 14:25:15	Correctional	Serology	11201	
2020/10/01 14:25:15	Correctional	Total	119371	
2020/10/01 14:25:15	Crawford	Diagnostic	2992	213273
2020/10/01 14:25:15	Crawford	Serology	81	5774
2020/10/01 14:25:15	Crawford	Total	3073	219046
2020/10/01 14:25:15	Delta	Diagnostic	12339	344819
2020/10/01 14:25:15	Delta	Serology	246	6875
2020/10/01 14:25:15	Delta	Total	12585	351693
2020/10/01 14:25:15	Detroit City	Diagnostic	284645	438047
2020/10/01 14:25:15	Detroit City	Serology	14833	22827
2020/10/01 14:25:15	Detroit City	Total	299478	460874
2020/10/01 14:25:15	Dickinson	Diagnostic	4382	173620
2020/10/01 14:25:15	Dickinson	Serology	70	2773
2020/10/01 14:25:15	Dickinson	Total	4452	176394
2020/10/01 14:25:15	Eaton	Serology	3908	35441
2020/10/01 14:25:15	Eaton	Diagnostic	39766	360630
2020/10/01 14:25:15	Eaton	Total	43674	396071
2020/10/01 14:25:15	Emmet	Diagnostic	9293	278109
2020/10/01 14:25:15	Emmet	Serology	862	25797
2020/10/01 14:25:15	Emmet	Total	10155	303905
2020/10/01 14:25:15	Genesee	Diagnostic	102993	253794
2020/10/01 14:25:15	Genesee	Serology	11329	27917
2020/10/01 14:25:15	Genesee	Total	114322	281711
2020/10/01 14:25:15	Gladwin	Diagnostic	5420	212975
2020/10/01 14:25:15	Gladwin	Serology	263	10334
2020/10/01 14:25:15	Gladwin	Total	5683	223309
2020/10/01 14:25:15	Gogebic	Diagnostic	7684	549839
2020/10/01 14:25:15	Gogebic	Serology	84	6011
2020/10/01 14:25:15	Gogebic	Total	7768	555850
2020/10/01 14:25:15	Grand Traverse	Serology	1333	14320
2020/10/01 14:25:15	Grand Traverse	Diagnostic	24709	265437
2020/10/01 14:25:15	Grand Traverse	Total	26042	279757
2020/10/01 14:25:15	Gratiot	Serology	445	10931
2020/10/01 14:25:15	Gratiot	Diagnostic	18163	446145
2020/10/01 14:25:15	Gratiot	Total	18608	457075
2020/10/01 14:25:15	Hillsdale	Diagnostic	12301	269729
2020/10/01 14:25:15	Hillsdale	Serology	333	7302
2020/10/01 14:25:15	Hillsdale	Total	12634	277031
2020/10/01 14:25:15	Houghton	Diagnostic	10822	303273

2020/10/01 14:25:15	Houghton	Serology	143	4007
2020/10/01 14:25:15	Houghton	Total	10965	307281
2020/10/01 14:25:15	Huron	Diagnostic	9933	320616
2020/10/01 14:25:15	Huron	Serology	274	8844
2020/10/01 14:25:15	Huron	Total	10207	329460
2020/10/01 14:25:15	Ingham	Serology	13438	45957
2020/10/01 14:25:15	Ingham	Diagnostic	113591	388470
2020/10/01 14:25:15	Ingham	Total	127029	434427
2020/10/01 14:25:15	Ionia	Diagnostic	20909	323183
2020/10/01 14:25:15	Ionia	Serology	1107	17111
2020/10/01 14:25:15	Ionia	Total	22016	340294
2020/10/01 14:25:15	Iosco	Diagnostic	7805	310622
2020/10/01 14:25:15	Iosco	Serology	195	7761
2020/10/01 14:25:15	Iosco	Total	8000	318383
2020/10/01 14:25:15	Iron	Diagnostic	7465	674589
2020/10/01 14:25:15	Iron	Serology	32	2892
2020/10/01 14:25:15	Iron	Total	7497	677481
2020/10/01 14:25:15	Isabella	Diagnostic	13700	196073
2020/10/01 14:25:15	Isabella	Serology	569	8143
2020/10/01 14:25:15	Isabella	Total	14269	204216
2020/10/01 14:25:15	Jackson	Diagnostic	67457	425569
2020/10/01 14:25:15	Jackson	Serology	1576	9943
2020/10/01 14:25:15	Jackson	Total	69033	435512
2020/10/01 14:25:15	Kalamazoo	Diagnostic	86661	326941
2020/10/01 14:25:15	Kalamazoo	Serology	3076	11605
2020/10/01 14:25:15	Kalamazoo	Total	89737	338546
2020/10/01 14:25:15	Kalkaska	Diagnostic	6337	351314
2020/10/01 14:25:15	Kalkaska	Serology	148	8205
2020/10/01 14:25:15	Kalkaska	Total	6485	359519
2020/10/01 14:25:15	Kent	Diagnostic	264704	402926
2020/10/01 14:25:15	Kent	Serology	16847	25644
2020/10/01 14:25:15	Kent	Total	281551	428570
2020/10/01 14:25:15	Keweenaw	Diagnostic	593	280246
2020/10/01 14:25:15	Keweenaw	Serology	16	7561
2020/10/01 14:25:15	Keweenaw	Total	609	287807
2020/10/01 14:25:15	Lake	Diagnostic	3689	311229
2020/10/01 14:25:15	Lake	Serology	115	9702
2020/10/01 14:25:15	Lake	Total	3804	320931
2020/10/01 14:25:15	Lapeer	Serology	1662	18971
2020/10/01 14:25:15	Lapeer	Diagnostic	18788	214458
2020/10/01 14:25:15	Lapeer	Total	20450	233429
2020/10/01 14:25:15	Leelanau	Diagnostic	4232	194476
2020/10/01 14:25:15	Leelanau	Serology	199	9145
2020/10/01 14:25:15	Leelanau	Total	4431	203621
2020/10/01 14:25:15	Lenawee	Diagnostic	26271	266843
2020/10/01 14:25:15	Lenawee	Serology	917	9314
2020/10/01 14:25:15	Lenawee	Total	27188	276158
2020/10/01 14:25:15	Livingston	Serology	4623	24079
2020/10/01 14:25:15	Livingston	Diagnostic	58747	305982
2020/10/01 14:25:15	Livingston	Total	63370	330061

2020/10/01 14:25:15	Luce	Diagnostic	1558	250120
2020/10/01 14:25:15	Luce	Serology	33	5298
2020/10/01 14:25:15	Luce	Total	1591	255418
2020/10/01 14:25:15	Mackinac	Diagnostic	2286	211686
2020/10/01 14:25:15	Mackinac	Serology	56	5186
2020/10/01 14:25:15	Mackinac	Total	2342	216872
2020/10/01 14:25:15	Macomb	Serology	29337	33567
2020/10/01 14:25:15	Macomb	Diagnostic	247257	282912
2020/10/01 14:25:15	Macomb	Total	276594	316479
2020/10/01 14:25:15	Manistee	Diagnostic	5022	204495
2020/10/01 14:25:15	Manistee	Serology	273	11117
2020/10/01 14:25:15	Manistee	Total	5295	215612
2020/10/01 14:25:15	Marquette	Diagnostic	34020	510053
2020/10/01 14:25:15	Marquette	Serology	948	14213
2020/10/01 14:25:15	Marquette	Total	34968	524266
2020/10/01 14:25:15	Mason	Diagnostic	10856	372495
2020/10/01 14:25:15	Mason	Serology	469	16093
2020/10/01 14:25:15	Mason	Total	11325	388588
2020/10/01 14:25:15	Mecosta	Diagnostic	12943	297862
2020/10/01 14:25:15	Mecosta	Serology	462	10632
2020/10/01 14:25:15	Mecosta	Total	13405	308494
2020/10/01 14:25:15	Menominee	Diagnostic	5576	244776
2020/10/01 14:25:15	Menominee	Serology	44	1932
2020/10/01 14:25:15	Menominee	Total	5620	246708
2020/10/01 14:25:15	Midland	Diagnostic	14111	169693
2020/10/01 14:25:15	Midland	Serology	1798	21622
2020/10/01 14:25:15	Midland	Total	15909	191315
2020/10/01 14:25:15	Missaukee	Diagnostic	3143	207898
2020/10/01 14:25:15	Missaukee	Serology	129	8533
2020/10/01 14:25:15	Missaukee	Total	3272	216431
2020/10/01 14:25:15	Monroe	Serology	2587	17189
2020/10/01 14:25:15	Monroe	Diagnostic	38875	258306
2020/10/01 14:25:15	Monroe	Total	41462	275495
2020/10/01 14:25:15	Montcalm	Diagnostic	22594	353650
2020/10/01 14:25:15	Montcalm	Serology	1055	16513
2020/10/01 14:25:15	Montcalm	Total	23649	370163
2020/10/01 14:25:15	Montmorency	Diagnostic	1528	163808
2020/10/01 14:25:15	Montmorency	Serology	121	12972
2020/10/01 14:25:15	Montmorency	Total	1649	176780
2020/10/01 14:25:15	Muskegon	Diagnostic	67363	388112
2020/10/01 14:25:15	Muskegon	Serology	1416	8158
2020/10/01 14:25:15	Muskegon	Total	68779	396270
2020/10/01 14:25:15	Newaygo	Diagnostic	14907	304349
2020/10/01 14:25:15	Newaygo	Serology	714	14577
2020/10/01 14:25:15	Newaygo	Total	15621	318926
2020/10/01 14:25:15	Oakland	Diagnostic	395518	314506
2020/10/01 14:25:15	Oakland	Serology	64470	51265
2020/10/01 14:25:15	Oakland	Total	459988	365771
2020/10/01 14:25:15	Oceana	Diagnostic	12584	475460
2020/10/01 14:25:15	Oceana	Serology	315	11902

2020/10/01 14:25:15	Oceana	Total	12899	487362
2020/10/01 14:25:15	Ogemaw	Diagnostic	4634	220698
2020/10/01 14:25:15	Ogemaw	Serology	168	8001
2020/10/01 14:25:15	Ogemaw	Total	4802	228699
2020/10/01 14:25:15	Ontonagon	Diagnostic	2817	492483
2020/10/01 14:25:15	Ontonagon	Serology	26	4545
2020/10/01 14:25:15	Ontonagon	Total	2843	497028
2020/10/01 14:25:15	Osceola	Serology	315	13427
2020/10/01 14:25:15	Osceola	Diagnostic	8338	355413
2020/10/01 14:25:15	Osceola	Total	8653	368841
2020/10/01 14:25:15	Oscoda	Diagnostic	1477	179226
2020/10/01 14:25:15	Oscoda	Serology	31	3762
2020/10/01 14:25:15	Oscoda	Total	1508	182988
2020/10/01 14:25:15	Otsego	Serology	287	11635
2020/10/01 14:25:15	Otsego	Diagnostic	4459	180760
2020/10/01 14:25:15	Otsego	Total	4746	192395
2020/10/01 14:25:15	Ottawa	Diagnostic	109538	375349
2020/10/01 14:25:15	Ottawa	Serology	5065	17356
2020/10/01 14:25:15	Ottawa	Total	114603	392705
2020/10/01 14:25:15	Presque Isle	Diagnostic	2020	160419
2020/10/01 14:25:15	Presque Isle	Serology	148	11753
2020/10/01 14:25:15	Presque Isle	Total	2168	172173
2020/10/01 14:25:15	Roscommon	Serology	295	12282
2020/10/01 14:25:15	Roscommon	Diagnostic	6160	256464
2020/10/01 14:25:15	Roscommon	Total	6455	268746
2020/10/01 14:25:15	Saginaw	Diagnostic	81349	426941
2020/10/01 14:25:15	Saginaw	Serology	2282	11977
2020/10/01 14:25:15	Saginaw	Total	83631	438918
2020/10/01 14:25:15	Sanilac	Diagnostic	12895	313214
2020/10/01 14:25:15	Sanilac	Serology	492	11950
2020/10/01 14:25:15	Sanilac	Total	13387	325164
2020/10/01 14:25:15	Schoolcraft	Diagnostic	1731	213862
2020/10/01 14:25:15	Schoolcraft	Serology	41	5065
2020/10/01 14:25:15	Schoolcraft	Total	1772	218928
2020/10/01 14:25:15	Shiawassee	Diagnostic	20722	304190
2020/10/01 14:25:15	Shiawassee	Serology	1541	22621
2020/10/01 14:25:15	Shiawassee	Total	22263	326811
2020/10/01 14:25:15	St Clair	Diagnostic	35325	221991
2020/10/01 14:25:15	St Clair	Serology	4156	26117
2020/10/01 14:25:15	St Clair	Total	39481	248108
2020/10/01 14:25:15	St Joseph	Serology	659	10810
2020/10/01 14:25:15	St Joseph	Diagnostic	18708	306870
2020/10/01 14:25:15	St Joseph	Total	19367	317679
2020/10/01 14:25:15	Tuscola	Diagnostic	20867	399407
2020/10/01 14:25:15	Tuscola	Serology	676	12939
2020/10/01 14:25:15	Tuscola	Total	21543	412346
2020/10/01 14:25:15	Unknown	Diagnostic	230946	
2020/10/01 14:25:15	Unknown	Serology	19777	
2020/10/01 14:25:15	Unknown	Total	250723	
2020/10/01 14:25:15	Van Buren	Diagnostic	29874	394757

2020/10/01 14:25:15	Van Buren	Serology	633	8364
2020/10/01 14:25:15	Van Buren	Total	30507	403121
2020/10/01 14:25:15	Washtenaw	Serology	10498	28558
2020/10/01 14:25:15	Washtenaw	Diagnostic	149594	406947
2020/10/01 14:25:15	Washtenaw	Total	160092	435505
2020/10/01 14:25:15	Wayne	Diagnostic	421048	381449
2020/10/01 14:25:15	Wayne	Serology	42578	38574
2020/10/01 14:25:15	Wayne	Total	463626	420023
2020/10/01 14:25:15	Wexford	Diagnostic	8883	264131
2020/10/01 14:25:15	Wexford	Serology	273	8118
2020/10/01 14:25:15	Wexford	Total	9156	272249

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-10-01

MessageDate	COUNTY	Negative	Positive	Total
9/30/2020	Alcona	9	1	10
9/30/2020	Alger	14	2	16
9/30/2020	Allegan	457	9	466
9/30/2020	Alpena	10	1	11
9/30/2020	Antrim	45	0	45
9/30/2020	Arenac	18	1	19
9/30/2020	Baraga	8	0	8
9/30/2020	Barry	189	3	192
9/30/2020	Bay	216	6	222
9/30/2020	Benzie	29	0	29
9/30/2020	Berrien	592	17	609
9/30/2020	Branch	145	4	149
9/30/2020	Calhoun	618	47	665
9/30/2020	Cass	177	5	182
9/30/2020	Charlevoix	71	2	73
9/30/2020	Cheboygan	16	0	16
9/30/2020	Chippewa	34	0	34
9/30/2020	Clare	18	0	18
9/30/2020	Clinton	90	0	90
9/30/2020	Correctional	3439	19	3458
9/30/2020	Crawford	40	0	40
9/30/2020	Delta	221	60	281
9/30/2020	Detroit City	1591	22	1613
9/30/2020	Dickinson	60	0	60
9/30/2020	Eaton	293	6	299
9/30/2020	Emmet	64	1	65
9/30/2020	Genesee	1067	74	1141
9/30/2020	Gladwin	7	0	7
9/30/2020	Gogebic	67	2	69
9/30/2020	Grand Traverse	219	9	228
9/30/2020	Gratiot	81	1	82
9/30/2020	Hillsdale	188	3	191
9/30/2020	Houghton	46	6	52
9/30/2020	Huron	123	1	124
9/30/2020	Ingham	561	21	582
9/30/2020	Ionia	226	5	231
9/30/2020	Iosco	35	2	37
9/30/2020	Iron	66	12	78
9/30/2020	Isabella	80	6	86
9/30/2020	Jackson	676	23	699
9/30/2020	Kalamazoo	1299	44	1343
9/30/2020	Kalkaska	52	1	53
9/30/2020	Kent	2992	105	3097
9/30/2020	Lake	18	1	19
9/30/2020	Lapeer	135	6	141
9/30/2020	Leelanau	32	0	32
9/30/2020	Lenawee	262	12	274

9/30/2020	Livingston	555	15	570
9/30/2020	Luce	5	0	5
9/30/2020	Mackinac	8	5	13
9/30/2020	Macomb	1807	115	1922
9/30/2020	Manistee	43	0	43
9/30/2020	Marquette	447	4	451
9/30/2020	Mason	81	1	82
9/30/2020	Mecosta	136	6	142
9/30/2020	Menominee	42	9	51
9/30/2020	Midland	202	6	208
9/30/2020	Missaukee	54	0	54
9/30/2020	Monroe	310	13	323
9/30/2020	Montcalm	273	5	278
9/30/2020	Montmorency	8	0	8
9/30/2020	Muskegon	770	23	793
9/30/2020	Newaygo	119	7	126
9/30/2020	Oakland	2934	96	3030
9/30/2020	Oceana	252	1	253
9/30/2020	Ogemaw	32	2	34
9/30/2020	Ontonagon	6	0	6
9/30/2020	Osceola	71	2	73
9/30/2020	Oscoda	13	1	14
9/30/2020	Otsego	35	2	37
9/30/2020	Ottawa	1242	50	1292
9/30/2020	Presque Isle	15	0	15
9/30/2020	Roscommon	40	3	43
9/30/2020	Saginaw	627	36	663
9/30/2020	Sanilac	130	0	130
9/30/2020	Schoolcraft	7	0	7
9/30/2020	Shiawassee	224	9	233
9/30/2020	St Clair	290	15	305
9/30/2020	St Joseph	115	6	121
9/30/2020	Tuscola	110	2	112
9/30/2020	Unknown	1078	47	1125
9/30/2020	Van Buren	454	8	462
9/30/2020	Washtenaw	1722	23	1745
9/30/2020	Wayne	3643	148	3791
9/30/2020	Wexford	87	3	90